



DERWENT-ACC-NO: 2002-636744

DERWENT-WEEK: 200382

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TITLE: Thermotherapeutic apparatus for  
moxibustion and massage,  
senses acupuncture points from data  
input by user, and  
applies horizontal, vertical and  
lateral movements to  
user patient's body

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PRIORITY-DATA: 2002KR-0004062 (January 24, 2002) ,  
2001KR-0010766 (March 2,  
2001) , 2001KR-0022843 (July 27, 2001) , 2001KR-0029799  
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(December 4, 2001)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
LANGUAGE			
KR 2003063775 A		July 31, 2003	N/A
000	A61H	039/06	
WO 200269880 A1		September 12, 2002	E
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DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ  
CA CH CN CO CR CU CZ  
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK  
SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AT BE CH CY  
DE DK EA ES FI FR  
GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR  
TZ UG ZM ZW

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
KR2003063775A	N/A	
2002KR-0004062	January 24, 2002	
WO 200269880A1	N/A	
2002WO-KR00360	March 2, 2002	

INT-CL (IPC): A61H015/00, A61H023/02 , A61H039/06

RELATED-ACC-NO: 2001-645649

ABSTRACTED-PUB-NO: WO 200269880A

BASIC-ABSTRACT:

NOVELTY - The inventive thermotherapeutic apparatus senses therapy point positions suitable for a user according to their height data input, and provides horizontal, vertical and lateral vibrating motions. By combining these with a 'seesaw' movement of the thermotherapeutic finger pressure devices, the apparatus provides moxibustion and massage effects. In addition, by sensing individual finger and massage pressures at all acupuncture points, therapy may be applied at uniform pressure irrespective of the degree of bending or straightness of the user's body. When the user wishes to control finger pressures independently, the apparatus is able to respond accordingly. When the user selects an automatic or 'abdomen' mode, the apparatus may be selectively controlled in time, pressure, position, etc.

USE - To provide thermotherapeutic treatment by computing/detecting acupuncture points according to a patient user's body height, irrespective of the extent of body bending/position.

ADVANTAGE - Accommodates patient users of different heights, such parameter determining acupuncture point positions, also accommodating

variable degrees of  
bending of the patient's spinal column, the inventive  
system applying  
appropriate pressures to allow for unevenness of the  
patient's body back area,  
and thus avoid causing pain, also allowing for users having  
different body  
weights, such variability affecting the benefits of the  
applied massage finger  
pressures, the system generally enabling therapy to be  
applied in various  
automatically-controlled operations.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic  
block diagram  
illustrating a first preferred embodiment of the inventive  
thermotherapeutic  
apparatus.

Thermotherapeutic bed for patient 40

Finger-pressure devices for providing therapy/massage to  
user's acupuncture  
points 41

Controller for 110

Therapy application device. 120

CHOSEN-DRAWING: Dwg.2/34

TITLE-TERMS: APPARATUS MOXIBUSTION MASSAGE SENSE  
ACUPUNCTURE POINT DATA INPUT  
USER APPLY HORIZONTAL VERTICAL LATERAL MOVEMENT  
USER PATIENT BODY

DERWENT-CLASS: P33 S05

EPI-CODES: S05-A05;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2002-503018